

What is claimed is:

1 1. A backlight module, comprising:
2 a first fixed seat having a plurality of grooves;
3 a second fixed seat having a plurality of grooves;
4 a first conductive device having a plurality of V-
5 shaped scallops electrically connected each
6 disposed in a corresponding groove of the first
7 fixed seat;
8 a second conductive device having a plurality of V-
9 shaped scallops electrically connected each
10 disposed in a corresponding groove of the
11 second fixed seat;
12 a plurality of lamps, disposed parallel to one
13 another, each having a first end and a second
14 end, wherein each first end is disposed in the
15 corresponding V-shaped scallop of the first
16 conductive device and each second end is
17 disposed in the corresponding V-shaped scallop
18 of the second conductive device;
19 a third fixed seat disposed on the first end for
20 fixing the lamps; and
21 a fourth fixed seat disposed on the second end for
22 fixing the lamps.

1 2. The backlight module as claimed in claim 1,
2 wherein depth and area of each V-shaped scallop both
3 exceed a diameter of the lamp.

1 3. The backlight module as claimed in claim 1,
2 further comprises:
,

3 a first isolation layer, disposed between the first
4 end of the lamp and the third fixed seat; and
5 a second isolation layer, disposed between the
6 second end of the lamp and the fourth fixed
7 seat.

1 4. The backlight module as claimed in claim 1,
2 further comprising:

3 a third conductive device, disposed between the
4 first end of the lamp and the third fixed seat;
5 and
6 a fourth conductive device, disposed between the
7 second end of the lamp and the fourth fixed
8 seat.

1 5. The backlight module as claimed in claim 4
2 further comprising:

3 a first isolation layer, disposed between the third
4 conductive device and the third fixed seat; and
5 a second isolation layer, disposed between the
6 fourth conductive device and the fourth fixed
7 seat.

1 6. The backlight module as claimed in claim 1
2 further comprising a plurality of fixed devices, each
3 having a V-shaped internal side and disposed between the
4 groove of the first fixed seat and the V-shaped scallops
5 of the first conductive device and disposed between the
6 grooves of the second fixed seat and the V-shaped
7 scallops of the second conductive device, wherein each of
8 the V-shaped scallops of the first and the second

conductive devices conforms directly to each V-shaped internal side of the fixed device.

7. A liquid crystal display device, comprising at least:

a display panel; and

a backlight module, disposed at the rear of the display panel, supplying light to the display panel, comprising:

a first fixed seat having a plurality of grooves;

a second fixed seat having a plurality of grooves;

a first conductive device having a plurality of V-shaped scallops electrically connected each disposed in a corresponding groove of the first fixed seat;

a second conductive device having a plurality of V-shaped scallops electrically connected each disposed in a corresponding groove of the second fixed seat;

a plurality of lamps, disposed parallel to one another, each having a first end and a second end, wherein each first end is disposed in the corresponding V-shaped scallop of the first conductive device and each second end is disposed in the corresponding V-shaped scallop of the second conductive device;

27 a third fixed seat disposed on the first end
28 for fixing the lamps; and
29 a fourth fixed seat disposed on the second end
30 for fixing the lamps.

1 8. The liquid crystal display device as claimed in
2 claim 7, wherein depth and area of each V-shaped scallop
3 both exceed a diameter of the lamp.

1 9. The liquid crystal display device as claimed in
2 claim 7, further comprising:
3 a first isolation layer, disposed between the first
4 end of the lamp and the third fixed seat; and
5 a second isolation layer, disposed between the
6 second end of the lamp and the fourth fixed
7 seat.

1 10. The liquid crystal display device as claimed in
2 Claim 7, further comprising:
3 a third conductive device, disposed between the
4 first end of the lamp and the third fixed seat;
5 and
6 a fourth conductive device, disposed between the
7 second end of the lamp and the fourth fixed
8 seat.

1 11. The liquid crystal display device as claimed in
2 Claim 10, further comprising:
3 a first isolation layer, disposed between the third
4 conductive device and the third fixed seat; and

5 a second isolation layer, disposed between the
6 fourth conductive device and the fourth fixed
7 seat.

1 12. The liquid crystal display device as claimed in
2 Claim 7, further comprising a plurality of fixed devices,
3 each having a V-shaped internal side and disposed between
4 the groove of the first fixed seat and the V-shaped
5 scallop of the first conductive device and between the
6 grooves of the second fixed seat and the V-shaped
7 scallop of the second conductive device, wherein each of
8 the V-shaped scallops of the first and the second
9 conductive devices conforms directly to each V-shaped
10 internal side of the fixed device.